

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Minwen JI

Confirmation No.:

Application No.: Unassigned

Examiner:

Filing Date: Herewith

Group Art Unit:

Title: TRAFFIC FLOW MANAGEMENT THROUGH A MULTIPATH NETWORK

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

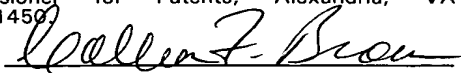
It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV303486103US

Date of Deposit 10/17/2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450

By



Typed Name: Colleen F. Brown

Respectfully submitted,

Minwen JI

By 

Daniel J. Krueger

Attorney/Agent for Applicant(s)
Reg. No. 42,771

Date: 10/17/2003

PATENT APPLICATION

Sheet 1 of 3

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	200300737-1		
	APPLICANT		
	Minwen Ji		
	FILING DATE	GROUP	
	10/17/2003		

REFERENCE DESIGNATION**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	2002/0122228	09/05/2002	Rappaport et al.	
	1B	6,473,424	10/29/2002	DeJager et al.	
	1C	2003/0002494	01/02/2003	Kuukankorpi et al.	
	1D	2003/0023877	01/30/2003	Luther et al.	
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

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	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	E. Gustafsson et al., "A Literature Survey on Traffic Dispersion," IEEE Network, March/April 1997, pp. 28-36.
	1R	D. Karger et al., "Consistent Hashing and Random Trees: Distributed Caching Protocols for Relieving Hot Spots on the World Wide Web," undated, 10 pp.
	1S	I. Stoica et al., "LIRA: An Approach for Service Differentiation in the Internet," undated, pp. 1-14.

EXAMINER

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	1L					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	X. Su et al., "Dynamic multi-path routing: asymptotic approximation and simulations," Copyright ACM Sigmetrics 2001, pp. 25-36.
1R	Z. Wang et al., "Shortest Path First with Emergency Exits," Copyright ACM 1990, pp. 166-176.
1S	W. T. Zaumen et al., "Loop-Free Multipath Routing Using Generalized Diffusing Computations," undated, 10 pp.

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	S. Knight et al., "Virtual Router Redundancy Protocol," Copyright The Internet Society 1998, pp. 1-27.
1R	T. Li et al., "Cisco Hot Standby Router Protocol (HSRP)," Copyright The Internet Society 1998, pp. 1-17.
1S	

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